

HI,

I have an xml that contains a self-repeating structure (dataGroup):

```
<dataGroup>
  <dataItem/>
  <dataGroup>
    <dataItem/>
    <dataItem/>
  </dataGroup>
  <dataItem/>
  ...
</dataGroup>
</dataGroup>
</dataGroup>
```

I would like to extract this structure dataGroup by dataGroup, providing an id for each dataGroup, but I am not getting there.

with this xml content:

```
<?xml version="1.0" encoding="UTF-8"?>
<S:Envelope xmlns:S="http://www.w3.org/2003/05/soap-envelope">
  <S:Body>
    <RDEntityList>
      <RDEntity name="Echins">
        <RDEntry>
          <RDEntryStatus>
            <state>valid</state>
            <activeFrom>2018-01-01</activeFrom>
          </RDEntryStatus>
          <dataItem name="ReferenceNumber">CC000001</dataItem>
          <dataItem name="ReferenceNumberMainOffice">CC000003</dataItem>
          <dataItem name="ReferenceNumberHigherTTThority">CC000003</dataItem>
          <dataItem name="ReferenceNumberCompetentTTThorityOfEnquiry">CC000003</dataItem>
          <dataItem name="ReferenceNumberCompetentTTThorityOfRecovery">CC000003</dataItem>
          <dataItem name="CountryCode">AD</dataItem>
          <dataItem name="UnLocodeId">ALV</dataItem>
          <dataItem name="NctsEntryDate">20070614</dataItem>
          <dataItem name="NearestOffice">ABV</dataItem>
          <dataItem name="PostalCode">BTV</dataItem>
          <dataItem name="PhoneNumber">+ (376) 000000</dataItem>
          <dataItem name="FaxNumber">+ (376) 000000</dataItem>
          <dataItem name="GeoInfoCode">ES/AD</dataItem>
          <dataItem name="CCCderDedicated">0</dataItem>
          <dataGroup name="EchinLsd">
            <dataItem name="LanguageCode">EN</dataItem>
            <dataItem name="EchinUsualName">Lorem ipsum dolor sit amet</dataItem>
            <dataItem name="StreetAndNumber">consectetur adipiscing elit</dataItem>
            <dataItem name="City">Aliquam ornare urna</dataItem>
          </dataGroup>
        </RDEntry>
      </RDEntity>
    </RDEntityList>
  </S:Body>
</S:Envelope>
```

```
<dataItem name="PrefixSuffixFlag">0</dataItem>
<dataItem name="SpaceToAdd">0</dataItem>
</dataGroup>
<dataGroup name="EchinLsd">
  <dataItem name="LanguageCode">ES</dataItem>
  <dataItem name="EchinUsualName">Lorem ipsum dolor sit amet</dataItem>
  <dataItem name="StreetAndNumber">In quis elit commodo</dataItem>
  <dataItem name="City">rhoncus augue quis</dataItem>
  <dataItem name="PrefixSuffixFlag">0</dataItem>
  <dataItem name="SpaceToAdd">0</dataItem>
</dataGroup>
<dataGroup name="EchinLsd">
  <dataItem name="LanguageCode">FR</dataItem>
  <dataItem name="EchinUsualName">rhoncus augue quis</dataItem>
  <dataItem name="StreetAndNumber">Curabitur lobortis</dataItem>
  <dataItem name="City">Pellentesque vel felis ex</dataItem>
  <dataItem name="PrefixSuffixFlag">0</dataItem>
  <dataItem name="SpaceToAdd">0</dataItem>
</dataGroup>
<dataGroup name="EchinTimetable">
  <dataItem name="SeasonCode">1</dataItem>
  <dataItem name="SeasonName">All Year</dataItem>
  <dataItem name="SeasonStartDate">20180101</dataItem>
  <dataItem name="SeasonEndDate">20181231</dataItem>
  <dataGroup name="EchinTimetableLine">
    <dataItem name="DayInTheWeekBeginDay">1</dataItem>
    <dataItem name="OpeningHoursTimeFirstPeriodFrom">0800</dataItem>
    <dataItem name="OpeningHoursTimeFirstPeriodTo">2000</dataItem>
    <dataItem name="DayInTheWeekEndDay">5</dataItem>
    <dataGroup name="EchinRoleAscorbCompetence">
      <dataItem name="Role">TTT</dataItem>
      <dataItem name="AscorbType">N/A</dataItem>
    </dataGroup>
    <dataGroup name="EchinRoleAscorbCompetence">
      <dataItem name="Role">AAA</dataItem>
      <dataItem name="AscorbType">R</dataItem>
    </dataGroup>
    <dataGroup name="EchinRoleAscorbCompetence">
      <dataItem name="Role">BBB</dataItem>
      <dataItem name="AscorbType">R</dataItem>
    </dataGroup>
    <dataGroup name="EchinRoleAscorbCompetence">
      <dataItem name="Role">CCC</dataItem>
      <dataItem name="AscorbType">R</dataItem>
    </dataGroup>
  </dataGroup>
</dataGroup>
<dataGroup name="EchinTimetableLine">
  <dataItem name="DayInTheWeekBeginDay">6</dataItem>
  <dataItem name="OpeningHoursTimeFirstPeriodFrom">0800</dataItem>
  <dataItem name="OpeningHoursTimeFirstPeriodTo">1200</dataItem>
  <dataItem name="DayInTheWeekEndDay">6</dataItem>
  <dataGroup name="EchinRoleAscorbCompetence">
    <dataItem name="Role">AAA</dataItem>
    <dataItem name="AscorbType">R</dataItem>
  </dataGroup>
  <dataGroup name="EchinRoleAscorbCompetence">
```

```

    <dataItem name="Role">BBB</dataItem>
    <dataItem name="AscorbType">R</dataItem>
  </dataGroup>
  <dataGroup name="EchinRoleAscorbCompetence">
    <dataItem name="Role">CCC</dataItem>
    <dataItem name="AscorbType">R</dataItem>
  </dataGroup>
</dataGroup>
</RDEntity>
</RDEntityList>
</S:Body>
</S:Envelope>

```

and this tFileInputXML mapping:

I get repeated elements, with wrong id numbers for both; datagroup_id and parent_DG_id (parent datagroup id):

```

entity_id|entry_id|dataGroup_id|parent_DG_id|dataGroup
1.0|1.0|1.0|0.0|{"dataGroup":{"dataItem":[{"name":"LanguageCode","content":"EN"}, {"name":"EchinUsualName","content":"Lorem ipsum dolor sit amet"}]},
1.0|1.0|1.0|0.0|{"dataGroup":{"dataItem":[{"name":"LanguageCode","content":"ES"}, {"name":"EchinUsualName","content":"Lorem ipsum dolor sit amet"}]},
1.0|1.0|1.0|0.0|{"dataGroup":{"dataItem":[{"name":"LanguageCode","content":"FR"}, {"name":"EchinUsualName","content":"rhoncus augue quis"}]}, {"name":
1.0|1.0|1.0|0.0|{"dataGroup":{"dataItem":[{"name":"SeasonCode","content":1}, {"name":"SeasonName","content":"All Year"}, {"name":"SeasonStartDate",
1.0|1.0|4.0|3.0|{"dataGroup":{"dataItem":[{"name":"DayInTheWeekBeginDay","content":1}, {"name":"OpeningHoursTimeFirstPeriodFrom","content":"0800"}]},
1.0|1.0|4.0|3.0|{"dataGroup":{"dataItem":[{"name":"Role","content":"TTT"}, {"name":"AscorbType","content":"N/A"}]}, {"name":"EchinRoleAscorbCompetence
1.0|1.0|4.0|3.0|{"dataGroup":{"dataItem":[{"name":"Role","content":"AAA"}, {"name":"AscorbType","content":"R"}]}, {"name":"EchinRoleAscorbCompetence"}]}
1.0|1.0|4.0|3.0|{"dataGroup":{"dataItem":[{"name":"Role","content":"BBB"}, {"name":"AscorbType","content":"R"}]}, {"name":"EchinRoleAscorbCompetence"}]}
1.0|1.0|4.0|3.0|{"dataGroup":{"dataItem":[{"name":"Role","content":"CCC"}, {"name":"AscorbType","content":"R"}]}, {"name":"EchinRoleAscorbCompetence"}]}
1.0|1.0|4.0|3.0|{"dataGroup":{"dataItem":[{"name":"DayInTheWeekBeginDay","content":6}, {"name":"OpeningHoursTimeFirstPeriodFrom","content":"0800"}]},
1.0|1.0|5.0|4.0|{"dataGroup":{"dataItem":[{"name":"Role","content":"AAA"}, {"name":"AscorbType","content":"R"}]}, {"name":"EchinRoleAscorbCompetence"}]}
1.0|1.0|5.0|4.0|{"dataGroup":{"dataItem":[{"name":"Role","content":"BBB"}, {"name":"AscorbType","content":"R"}]}, {"name":"EchinRoleAscorbCompetence"}]}
1.0|1.0|5.0|4.0|{"dataGroup":{"dataItem":[{"name":"Role","content":"CCC"}, {"name":"AscorbType","content":"R"}]}, {"name":"EchinRoleAscorbCompetence"}]}

```

Do you know how to fix this problem? Should I change completely and check other ways of reading?

Any help is welcome.